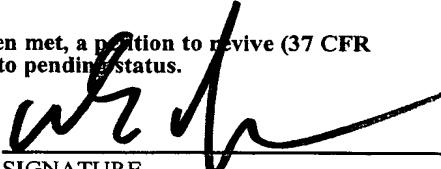


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 07-2004)		ATTORNEY'S DOCKET NUMBER 112857-414
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/520427
INTERNATIONAL APPLICATION NO. PCT/JP2003/007971	INTERNATIONAL FILING DATE 24 June 2003	PRIORITY DATE CLAIMED 04 July 2002
TITLE OF INVENTION CACHE DEVICE, AND METHOD AND COMPUTER PROGRAM FOR CONTROLLING CACHED DATA		
APPLICANT(S) FOR DO/EO/US Tsutomu Miyuchi		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input checked="" type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EV 351265742 US</u> 23. <input type="checkbox"/> Other items or information: 		

BEST AVAILABLE COPY

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/520427	INTERNATIONAL APPLICATION NO. PCT/JP2003/007971	ATTORNEY'S DOCKET NUMBER 112857-414												
24. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Basic National Stage \$ 300.00 <input checked="" type="checkbox"/> National Stage Search Fee 500.00 <input checked="" type="checkbox"/> National Stage Examination Fee 200.00 <input type="checkbox"/> <input type="checkbox"/> 		CALCULATIONS PTO USE ONLY												
ENTER APPROPRIATE BASIC FEE AMOUNT =		1,000.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">CLAIMS</td> <td style="width: 25%;">NUMBER FILED</td> <td style="width: 25%;">NUMBER EXTRA</td> <td style="width: 35%;">RATE</td> </tr> <tr> <td>Total claims</td> <td>15 - 20 =</td> <td>0</td> <td>x 50.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x 200.00</td> </tr> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	15 - 20 =	0	x 50.00	Independent claims	3 - 3 =	0	x 200.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	15 - 20 =	0	x 50.00											
Independent claims	3 - 3 =	0	x 200.00											
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>														
TOTAL OF ABOVE CALCULATIONS =		1,000.00												
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.														
SUBTOTAL =		1,000.00												
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).</td> <td style="width: 35%; text-align: center;">+ <input type="checkbox"/></td> </tr> </table>		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).	+ <input type="checkbox"/>											
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).	+ <input type="checkbox"/>													
TOTAL NATIONAL FEE =		1,000.00												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">TOTAL FEES ENCLOSED</td> <td style="width: 35%; text-align: center;">= 1,000.00</td> <td style="width: 50%;"></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">Amount to be: refunded <input type="checkbox"/> \$</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">charged <input type="checkbox"/> \$</td> </tr> </table>		TOTAL FEES ENCLOSED	= 1,000.00				Amount to be: refunded <input type="checkbox"/> \$			charged <input type="checkbox"/> \$				
TOTAL FEES ENCLOSED	= 1,000.00													
		Amount to be: refunded <input type="checkbox"/> \$												
		charged <input type="checkbox"/> \$												
a. <input checked="" type="checkbox"/> A check in the amount of \$1,000.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818 d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.														
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.														
SEND ALL CORRESPONDENCE TO: William E. Vaughan (Reg. No. 39,056) Bell Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690 312.807.4292														
 SIGNATURE William E. Vaughan														
NAME 39,056														
REGISTRATION NUMBER January 4, 2005														
DATE														

10/520427
DT15 3'd PCT/PTO 04 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tsutomu Miyauchi
Appl. No.: PCT/JP2003/007971
Title: CACHE DEVICE, AND METHOD AND COMPUTER PROGRAM FOR
CONTROLLING CACHED DATA
Docket No.: 112857-414

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (duplicate);
2. International application as originally filed on 74 pages;
3. English translation on 97 pages;
4. unexecuted declaration and power of attorney on 3 pages;
5. Preliminary Amendment on 93 pages;
6. IDS on 1 page, PTO 1449 on 1 page, search report, references;
7. Check in the Amount of \$1,000.00; and
8. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on January 4, 2005.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence


Signature

EV 351265742 US

Express Mail Mailing Label Number